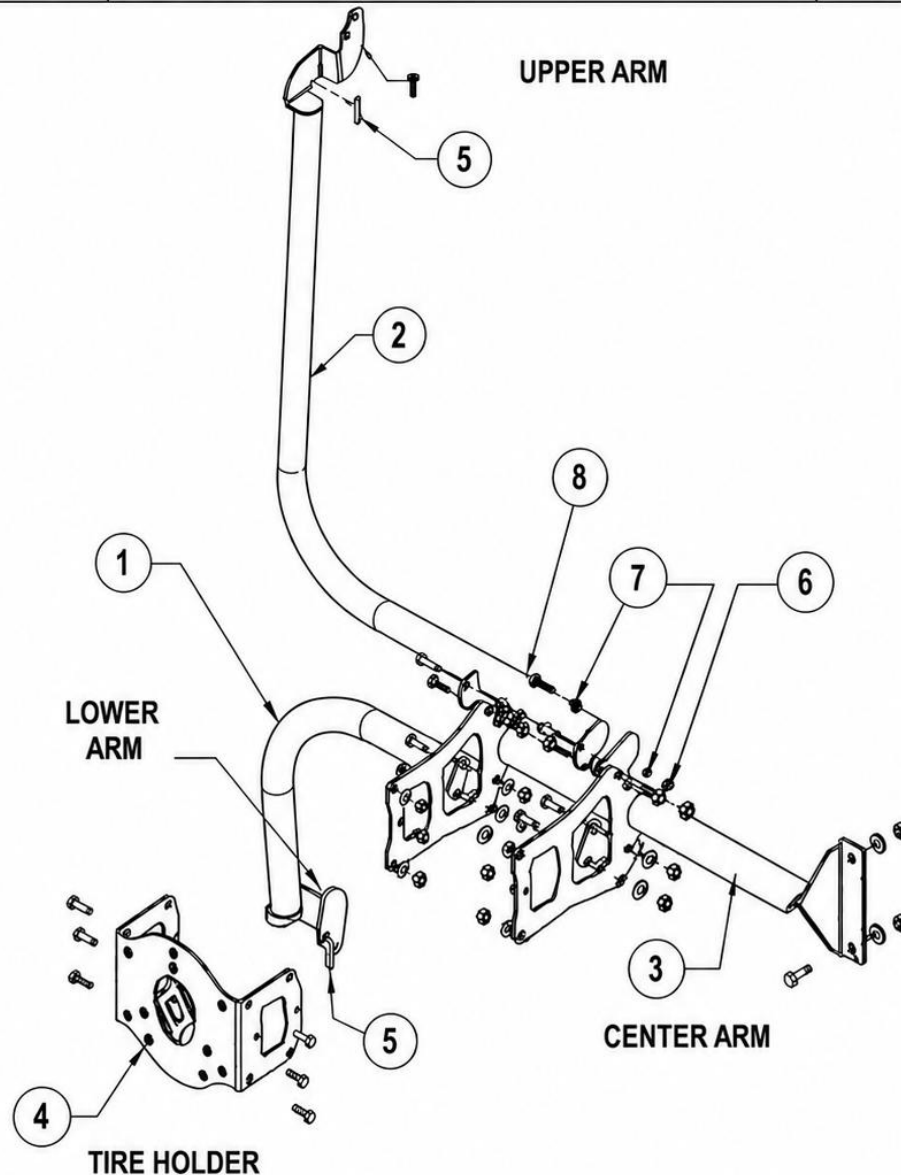


PARTS DIAGRAM

ITEM NO.	DESCRIPTION	QTY.
1	LOWER ARM	1
2	UPPER ARM	1
3	CENTER ARM	1
4	TIRE HOLDER	1
5	GASKET	2
6	5/16-18 NYLON INSERT LOCK NUT	16
7	5/16 WASHER	32
8	5/16-18 X 1 HEX BOLT	16
9	M14 x 1.5 WHEEL STUD	4
10	M14 x 1.5 NUT	4



GENERAL INSTRUCTIONS

IMPORTANT – READ THE INSTRUCTIONS CAREFULLY BEFORE HANDLING, INSTALLATION AND USE. YOU MUST KEEP THE INSTRUCTIONS WITH YOUR VEHICLE DOCUMENTATION AND PASS ON TO ANY SUBSEQUENT USER OR PURCHASER.

VEHICLES WITH 180 DEGREE HINGES : IMPORTANT NOTE

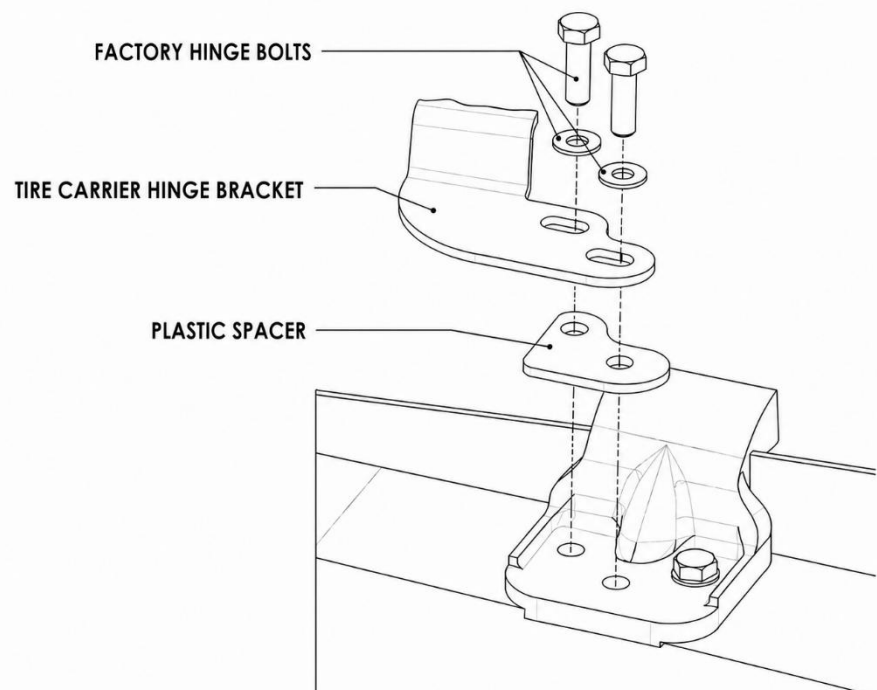
The Ford Transit is normally fitted with cast steel hinges with a 270 degree opening angle. For 270 degree hinges skip this page and continue to the next page.

Some Ford Transits are fitted with pressed steel hinges with a 180 degree opening angle. The Tie Carrier Hinge Bracket will not sit flat due to the pressed shape of the vehicle hinge plate.

To mount the “Hinge Bracket” you must use the “Plastic Spacer” as shown in the diagram. The spacer should go in between the “Hinge Bracket” and the 180 degree hinge on the Transit.

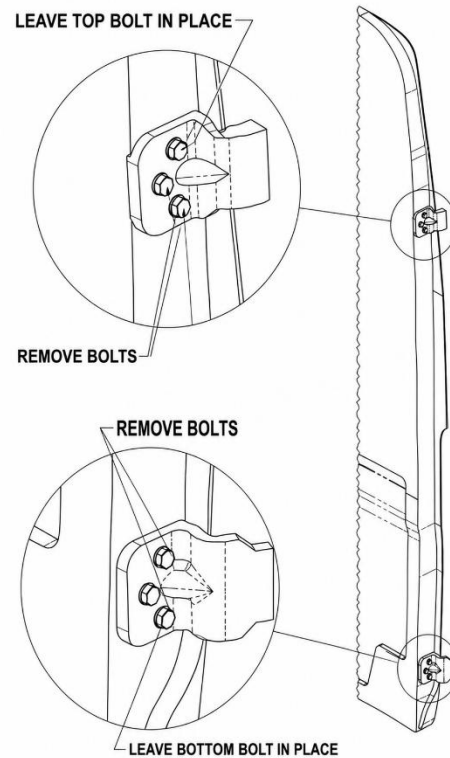
Two spacers are included in the package.

Do this for both the top and bottom “Hinge Brackets” during the installation to ensure that the brackets sit flat on the 180 degree hinge.

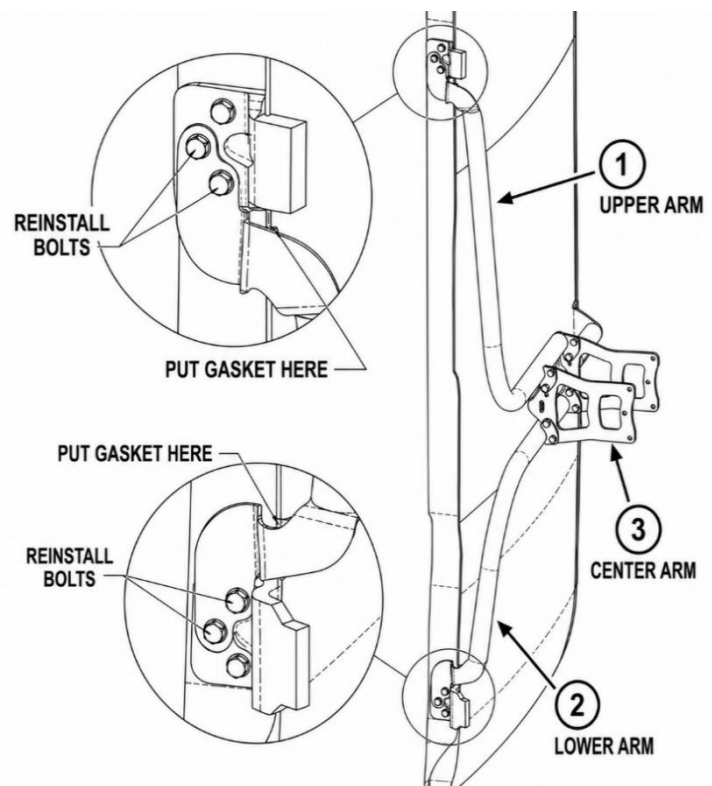


INSTALLATION

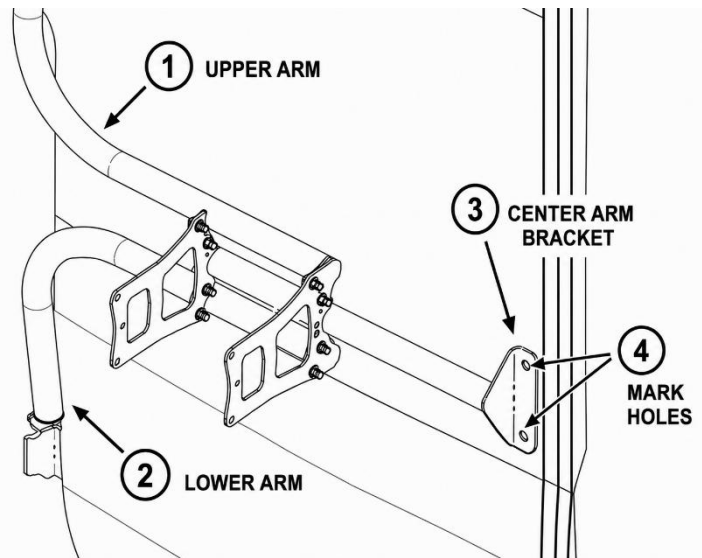
- On the driver-side rear door, remove the two lower bolts from the upper hinge. Leave the top bolt installed.
- On the lower hinge, remove the two upper bolts. Leave the bottom bolt installed. Refer to the illustration.
- Use a 1/2" wrench. Only remove the bolts indicated in the illustration. Do not loosen or remove the bolts marked "LEAVE IN PLACE."
- Save the removed bolts for reinstallation.



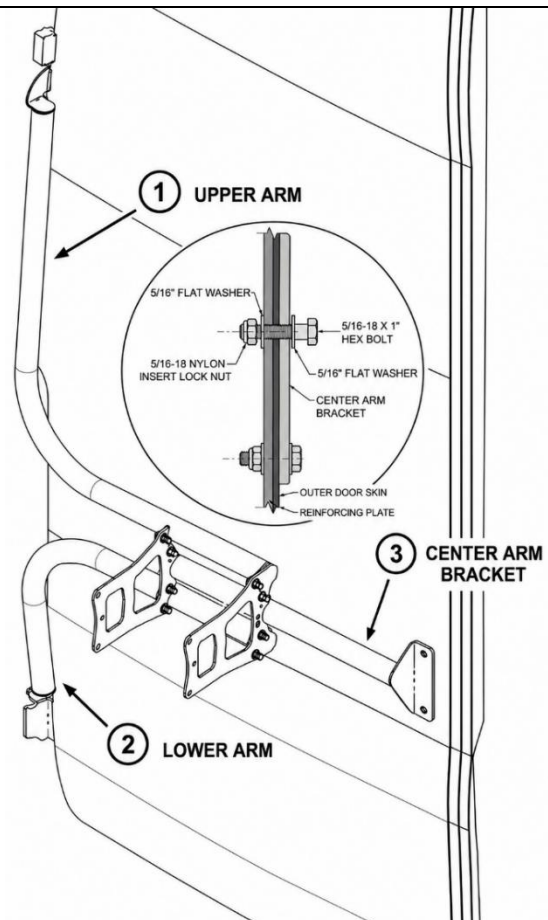
- Take the Upper Arm (1) and install it to the top hinge. Use the factory bolts you removed in the previous step. Leave the bolts loose so you can adjust the Arm.
- Take the Lower Arm (2) and install it to the bottom hinge. Use the factory bolts you removed in the previous step. Leave the bolts loose so you can adjust the Arm.
- Take the Center Arm (3) and install it to both the Upper and Lower Arms. Use the hardware provided to connect the Arms. Make sure to put a washer on both sides to support the bolt and nut. Refer to Parts Diagram on page 1.
- Leave the bolts loose for adjustment.



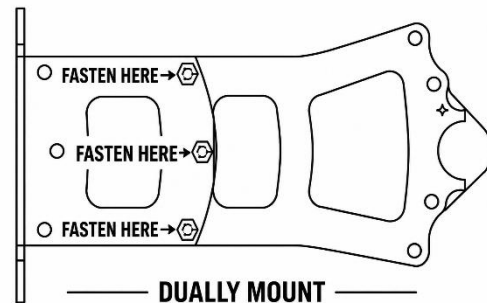
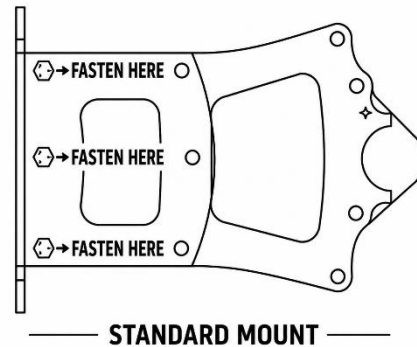
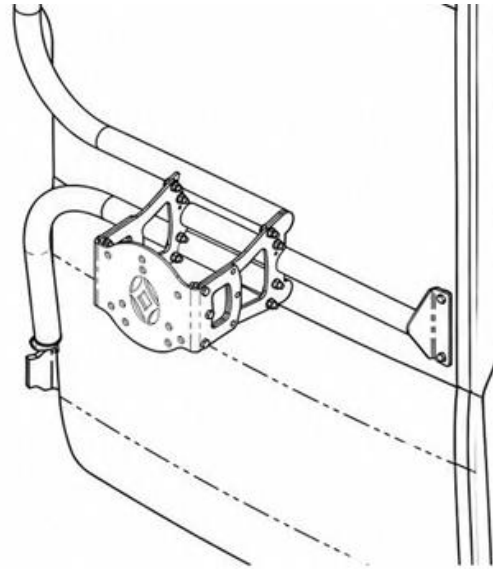
- Adjust the Tire Carrier until the Center Arm Bracket (3) is flush against the door.
- Tighten all the bolts to keep the Center Arm in position and mark the 2 holes (4).
- Remove the Center Arm.
- On the inside of the door remove the trim panel and anything inside behind the hole positions.
- Use a 23/64" or next closest size drill bit and drill out the 2 marked holes. You can use a smaller drill bit to create a pilot hole first.



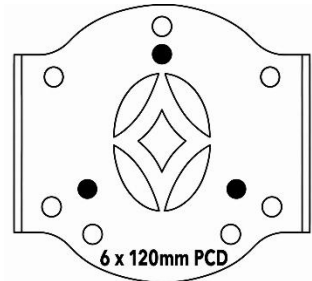
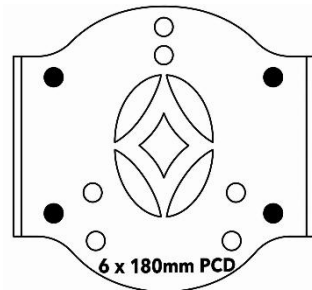
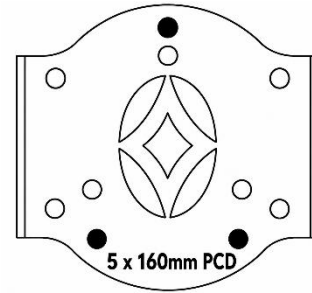
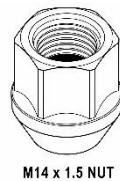
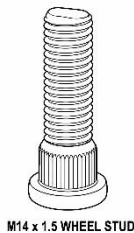
- Reinstall the Center Arm using the hardware provided. Make sure to put a washer on both sides to support the bolt and nut. Refer to Parts Diagram on page 1.
- Make sure to install the bolts in the newly drilled holes in the door.
- Tighten all bolts until the rack is secure at all points.



- The Tire Holder has two positions in which it can be installed, Standard Mount and Dually Mount.
- For most wheels you will use the Standard Mount position
- For a Dually wheel, use the Dually Mount position
- Please refer to the diagram for proper positioning
- Slide the Tire Holder over the two towers on the Center Arm.
- Use provided hardware to secure the Tire Holder. Make sure to put a washer on both sides to support the bolt and nut. Refer to Parts Diagram on page 1.



- The Tire Holder is designed for 3 different wheel patterns.
- Choose the correct PCD based on the diagram.
- Insert the wheel studs into the back of the Tire Holder, with the threaded ends pointing forward and protruding (or sticking out) through the front of the Tire Holder.
- Use a mallet to hit and secure the Wheel Stud.



- Take your wheel and line it up to the wheel studs.
- Use the M14 x 1.5 Nuts provided to secure the wheel to the Tire Carrier.

Enjoy
Your
Next
Adventure!

